

**AMENDMENT NO. 2 DECEMBER 2017**  
**TO**  
**IS 8674 : 2013/ISO 1969 : 2004 FIBRE ROPES — POLYETHYLENE — 3- AND**  
**4- STRAND ROPES**

*(Third Revision)*

*(Second cover page, National Foreword, para 2)* — Insert the following after para 2:

‘The following major changes have been incorporated in this revised version:

- a) 4 strand shroud-laid ropes and their specific requirements have been included.
- b) Ropes of reference number 4.5, 5 and 9 for 3 strand hawser-laid have been included.
- c) Specific requirement for pitch has been excluded.
- d) Requirements for marking have been modified.’

*(Second cover page, National Foreword, para 4)* — Substitute the following for the existing:

‘In this adopted standard, reference appears to certain International Standards for which Indian Standards also exist. The corresponding Indian Standards which are to be substituted in their respective places are listed below along with their degree of equivalence for the editions indicated:

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
ISO 1968 <sup>1)</sup> Fibre ropes and cordage — Terms and definitions	IS 3871 : 2012 Fibre ropes and cordage — Vocabulary ( <i>third revision</i> )	Identical with ISO 1968 : 2004
ISO 2307 Fibre ropes — Determination of certain physical and mechanical properties	IS 7071 (Parts 1-3) : 1989 Ropes and cordages — Methods of physical test ( <i>first revision</i> )	Technically Equivalent
	IS 7071 (Part 4) : 1986 Methods of physical test for ropes and cordages: Part 4 Breaking load and elongation at break	do
ISO 9554 : 2010 Fibre ropes — General specifications	IS/ISO 9554 : 2010 Fibre ropes — General specifications	Identical

*[Second cover page, National Foreword, para 5 (see also Amendment No. 1)]* — Insert the following new para after para 5:

‘Pitch or length of lay for polyethylene 3-strand hawser-laid rope is given in National Annex A for information only.’

*(Page 4)* — Insert the following National Annex A at the end:

**‘NATIONAL ANNEX A**  
*(National Foreword)*

**A-1** Pitch or length of lay for polyethylene 3-strand hawser-laid rope is given in following Table 3 for information only:

**Table 3 Pitch or Length of Lay for Polyethylene 3-Strand Hawser-Laid Rope**  
*(National Foreword)*

Sl No.	Nominal Diameter (Reference Number)	Pitch/ Length of One Lay (Max)
(1)	mm (2)	mm (3)
i)	4	14.4
ii)	6	21.6
iii)	8	28.8
iv)	10	36
v)	12	43.2
vi)	14	50.4
vii)	16	57.6
viii)	18	64.8
ix)	20	72
x)	22	79.2
xi)	24	86.4
xii)	26	93.6
xiii)	28	100.8
xiv)	30	108
xv)	32	115.2
xvi)	36	129.6
xvii)	40	144
xviii)	44	158.4
xix)	48	172.8
xx)	52	187.2
xxi)	56	201.6
xxii)	60	216
xxiii)	64	230.4
xxiv)	72	259.2
xxv)	80	288
xxvi)	88	316.8
xxvii)	96	345.6